

USEWOD 2014: Building a Web Observatory for research on LOD usage



4th USEWOD Workshop on Usage Analysis and the Web of Data

4

May 25th, 2014

Anissaras, Crete,
Greece

A workshop at



Overview

The USEWOD workshop series has created and maintained a forum for researchers to investigate the synergy between the Web of Data and Web usage mining. This involves the analysis of semantic data usage but also the exploitation of Semantic Web technologies to advance usage mining approaches in general. Among other things, USEWOD hosts what has become the reference data set for research on query logs of Linked Data endpoints.

This 4th edition of USEWOD will focus on this as a **special theme: building a USEWOD Web Observatory to track the distribution of research based on the USEWOD data set**. Web Observatories study a global network of heterogeneous data repositories, each observing and analysing the activity on the Web across a range of topics. *Of course, the USEWOD data set has been extended again and a data challenge offered.*

We invite submissions on this theme (and other topics pertinent to USEWOD), and in addition to paper presentations, the workshop will host a **live crowdsourcing activity** to collect the provenance metadata that finally brings together the root data set and as many publications that refer to it as possible. A keynote presentation will complement the contributed presentations and the crowdsourcing activity.

New: Programme

09:30 - 09:45	USEWOD 2014 - Welcome address	Bettina Berendt and Markus Luczak-Roesch
09:45 - 10:45	The Lonesome LOD Cloud - (Extended) Abstract	Ruben Verborgh
10:45 - 11:15	Coffee break	
11:15 - 11:45	Get All, Filter Details - On the Use of Regular Expressions in SPARQL Queries	Saud Aljaloud, Markus Luczak-Roesch, Tim Chown and Nicholas Gibbins
11:45 - 12:15	Man vs. Machine: Differences in SPARQL Queries	Laurens Rietveld and Rinke Hoekstra
12:15 - 12:45	Research Data Forensics: Introduction to the USEWOD Crowdsourcing Activity	Markus Luczak-Roesch and Laura Dragan
12:45 - 13:15	USEWOD Crowdsourcing Activity I: Participants Set-Up	all workshop participants
13:15 - 14:30	Lunch break	
14:30 - 15:30	A brief introduction to crowdsourced data collection - Abstract	Elena Simperl
15:30 - 16:00	USEWOD Crowdsourcing Activity II: Data collection via crowdsourcing (research datasets and publications)	all workshop participants
16:00 - 16:30	Coffee break	
16:30 - 17:00	USEWOD Crowdsourcing Activity III: Data collection via crowdsourcing (interlinking)	all workshop participants
17:00 - 17:30	Discussion, wrap-up, and closing remarks	moderators: Bettina Berendt and Markus Luczak-Roesch

Topics of interest include, but are not limited to

- Working with the USEWOD reference datasets 2011-2014: Insights, lessons learned, challenges, and improvements for the future
- Analysis and mining of usage logs of semantic resources and applications
- Inferring semantic information from usage logs
- Methods and tools for semantic analysis of usage logs
- Representing and enriching usage logs with semantic information
- Statistics of usage of the Linked Data Web
- Usage-based evaluation methods and frameworks; gold standards for evaluating web applications
- Specifics and semantics of logs for content consumption and content creation
- Using semantics for recommendation, personalization and adaptation
- Usage-based recommendation, personalization and adaptation of semantic web applications
- Exploiting usage logs for semantic search.
- Data sharing, privacy, and privacy-protecting policies and techniques

Contributions

We invite (1) regular research papers, (2) USEWOD Data Challenge papers, and (3) USEWOD Provenance Proposals, describing innovative ideas about how the USEWOD data set (and other datasets) and the papers based on it can be interlinked on the Web in a sustainable fashion. Papers should not exceed 10 pages in LNCS style, and shorter papers are also welcome. Please submit via [EasyChair](#).

All accepted papers will be presented in long (20 min talk + 10 min questions) or short (10 min talk + 5 min questions) time slots, depending on their quality and potential for discussion. The proceedings will be published via [arXiv.org](#), and provenance metadata will be provided.

USEWOD Data Challenge

As in [previous years](#), there is a new USEWOD data challenge, for which participants are invited to present

interesting analyses, applications, alignments, etc., and to submit their findings as a Data Challenge paper. You can find the call and request the data on the [USEWOD Data Challenge page](#).

■ Important dates

- **extended:** March 21st, 2014 (full papers), March 28th (dataset papers) Submission deadline
- April 7th, 2014 Acceptance notification
- April 15th, 2014 Camera Ready
- May 25th, 2014 Workshop

■ Organisation

- Contact: usewod2014-chairs@googlegroups.com
- Workshop Chairs (alphabetically)
 - [Bettina Berendt](#), K.U. Leuven, Belgium
 - [Laura Hollink](#), VU Amsterdam, Netherlands
 - [Markus Luczak-Roesch](#), University of Southampton, United Kingdom
- Programme committee
 - Chris Bizer (University of Mannheim, DE)
 - Pasquale De Meo (VU University Amsterdam, NL)
 - Stefan Dietze (L3S Research Center, DE)
 - Hyvönen Eero (University of Helsinki, FI)
 - Paul Groth (VU University Amsterdam, NL)
 - Christophe Guéret (Data Archiving and Networked Services, NL)
 - Geert-Jan Houben (Delft University of Technology, NL)
 - Efstratios Kontopoulos (Aristotle University of Thessaloniki, GR)
 - Agnieszka Lawrynowicz (Poznan University of Technology, PL)
 - Jaap Kamps (University of Amsterdam, NL)
 - Knud Hinnerk Möller (Datalysator, DE)
 - Johan Oomen (Netherlands Institute for Sound and Vision, NL)
 - Markus Strohmaier (Leibniz Institute for the Social Sciences, DE)
 - Arjen de Vries (Center for Mathematics and Computer Science, NL)